

What is Claimed is:

1. A mobile communication system, comprising:

an information terminal unit;

5 a plurality of mobile stations, each of which communicates with said information terminal unit;

a packet mobile switching center which communicates with said plurality of mobile stations through a radio access network;

a packet mobile gateway switching center which communicates with said packet mobile switching center through a mobile data network; and

10 a content server which communicates with said packet mobile gateway switching center through the Internet;

wherein said information terminal unit downloads or uploads data from or to said content server through the plurality of mobile stations.

15 2. An information terminal unit which communicates with a plurality of mobile stations,

wherein said plurality of mobile stations communicate with a packet mobile switching center through a radio access network,

20 wherein said packet mobile switching center communicates with a packet mobile gateway switching center through a mobile data network,

wherein said mobile gateway switching center communicates with a content server through the Internet, and

wherein said information terminal unit downloads or uploads data from or to said content server through said plurality of mobile stations.

10058805-013002

3. A first mobile station which communicates with an information terminal, while at least a second mobile station communicates with said information terminal,

5 wherein at least said first and second mobile stations communicate with a packet mobile switching center through a radio access network,

wherein said packet mobile switching center communicates with a packet mobile gateway switching center through a mobile data network,

wherein said mobile gateway switching center communicates with a
10 content server through the Internet, and

wherein said information terminal unit downloads or uploads data from or to said content server through at least said first and second mobile stations.

15 4. A packet mobile switching center which communicates with a plurality of mobile stations through a radio access network,

wherein said plurality of mobile stations communicate with an information terminal unit,

wherein said packet mobile switching center communicates with a
20 packet mobile gateway switching center through a mobile data network,

wherein said mobile gateway switching center communicates with a content server through the Internet, and

wherein said information terminal unit downloads or uploads data from or to said content server through the plurality of mobile stations.

5. A packet mobile gateway switching center which communicates with
a packet mobile switching center through a mobile data network,

wherein said packet mobile switching center communicates with a
5 plurality of mobile stations through a radio access network,

wherein said plurality of mobile stations communicate with an
information terminal unit,

wherein said mobile gateway switching center communicates with a
content server through the Internet, and

10 wherein said information terminal unit downloads or uploads data
from or to said content server through the plurality of mobile stations.

6. A contents server which communicates with a packet mobile gateway
switching center through the Internet,

15 wherein said packet mobile gateway switching center communicates
with a packet mobile switching center through a mobile data network,

wherein said packet mobile switching center communicates with a
plurality of mobile stations through a radio access network,

wherein said plurality of mobile stations communicate with an
20 information terminal unit, and

wherein said information terminal unit downloads or uploads data
from or to said content server through the plurality of mobile stations.

7. A data Transferring Method for use with Mobile Communication

System, said method comprising the steps of:

causing an information terminal unit to communicate with a plurality of mobile stations;

causing said plurality of mobile stations to communicate with a
5 packet mobile switching center through a radio access network;

causing said packet mobile switching center to communicate with a packet mobile gateway switching center through a mobile data network;

causing said packet mobile gateway switching center to communicate with a content server through the Internet;

10 causing said information terminal unit to download or upload data from or to said content server through the plurality of mobile stations.